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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Shinji TANAKA, et al.

PATENT NO.: 7,470,824 GROUP: 1626

ISSUED: December 30, 2008 EXAMINER: KOSACK, JOSEPH R

FOR: ADAMANTANE DERIVATIVE AND PROCESS FOR PRODUCING THE SAME

REQUEST FOR CERTIFICATE OF CORRECTION

DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE ALEXANDRIA, VA 22313-1450

SIR:

The following is a Request for Certificate of Correction in Serial Number 10/540,547, now U.S. Patent Number 7,470,824.

In accordance with the provisions of Rule 322 of the Rules of Practice, which implement 35 USC 254, the U.S. Patent and Trademark Office is respectfully requested to issue a Certificate of Correction in the above-identified patent.

In light of the fact that the errors were the fault of the U.S. Patent and Trademark Office, no fees are required. The requested corrections are listed on FORM P.T.O. 1050.

Respectfully submitted,

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CERTIFICATE OF CORRECTION

PATENT NO.:

7,470,824

DATED:

Dec. 30, 2008

INVENTOR(S):

Tanaka et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, Item (87), the PCT information is incorrect. Item (87) should read:

--(87) PCT Pub. No.: **WO2004/058675**

PCT Pub. Date: Jul. 15, 2004 --

Mailing address of sender:

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Français

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Images

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- (51)⁷ C07C 43/12, 41/01, 49/517, 45/64
- (54) ADAMANTANE DERIVATIVE AND PROCESS FOR PRODUCING THE SAME
- (71) IDEMITSU PETROCHEMICAL CO., LTD. [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP).
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- (74) OHTANI, Tamotsu, et al; Bridgestone Toranomon Bldg., 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (74) 大谷 保 (OHTANI, Tamotsu), et al; 〒105-0001 東京都 港区 虎ノ門3丁目2 5番2号 ブリデストン虎ノ門ビル6階 Tokyo (JP).
- (81) KR, US
- (84) European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR)

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(57) An adamantane derivative represented by the general formula (I) or (II): (I) (II) wherein X represents halogeno; Y represents C_{1-10} alkyl, C_{1-10} haloalkyl, halogeno, or a heteroatom-containing group; R^1 to R^4 each independently represents hydrogen, halogeno, C_{1-10} alkyl, or C_{1-10} haloalkyl; m is an integer of 0 to 15; and n is an integer of 0 to 10; provided that in the general formula (I), the case where both of m and n are 0 and both of R^3 and R^4 are hydrogen is excluded. It is a novel adamantane derivative useful as a modifier for photoresist resins in the field of photolithography, a dry-etching resistance improver, an intermediate for agricultural chemicals and medicines, and other various industrial products.



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